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**Exam : Mobile Solutions
Architecture Designer**

**Title : Salesforce Certified Mobile
Solutions Architecture
Designer (SU21)**

Version : DEMO

1.Universal Containers is building a managed package to distribute on the AppExchange. As part of the solution they would like to include authentication information (username/password) inside of the package for web service calls made from the package Universal containers web services. A Salesforce security review has flagged this as a security violation and the architect must decide how best to protect these credentials.

Which two methods should the architect consider in order to protect these credentials? Choose 2 answers

- A. Utilize named credentials to store the username/password of the web service end post.
- B. Utilize a custom object with an encrypted text field to store the username/password of the web service end point.
- C. Utilize protected custom settings to store the username/password of the web service end point.
- D. Store the username/password directly in the Apex class that will be obfuscated in the managed package.

Answer: A,C

2.Universal containers are building an integration between Salesforce and their data warehouse.

The architect has the following requirements:

- 1. Salesforce users need the ability to CRUD (create, read, update and delete) data from their data warehouse without leaving the Salesforce user interface
- 2.The integration to the data warehouse should maintain the same look and feel as the existing Salesforce user interface
- 3.The use of custom development Should be minimized

Which two solutions should the architect consider? Choose two options

- A. Utilize lightning connect with custom ApexAdapter to provided CRUD access to the data warehouse
- B. Utilize a canvas application to render the data warehouse data from within Salesforce
- C. Utilize a visual force page from 3rd party JavaScript library that will provide CRUD capabilities to the data warehouse.
- D. Utilize a 3rd party tool from the App-Exchange that will provide CRUD capabilities between the data warehouse and salesforce

Answer: A,B

3.Universal Containers has built an integration using the SOAP API to load records from a back-office system into Salesforce. The records created in the back-office system must be loaded into Salesforce in almost real time, so a custom module was written to identify CRUD events in the back-office system and perform sync with Salesforce. UC has several other systems that integrate with Salesforce through the SOAP API using separate integration users.

What is a risk involved with this sort of integration?

- A. Too many concurrent sessions
- B. Reaching an API call limit.
- C. Reaching a logins per Day limit.
- D. Too many record-lock errors

Answer: B

4.Universal containers utilizes the REST API to update the multiple Salesforce objects in real time based upon changes from their ERP system. They recently started encountering API Limits and have consulted

the Integration Architect on possible solutions.

What two possible strategies should the architect consider? Choose 2 answers

- A. Migrate the integration to the partner WSDL to support 200 DML operations in a single API call.
- B. Migrate the integration to the Bulk API which does not count towards the API limits.
- C. Utilize the REST API batch URI to consolidate 100 DML operations into single API call.
- D. Utilize workflow outbound messaging which does not count towards the API limits.

Answer: B,C

5. Universal Containers would like to integrate Salesforce to their Accounting system. Salesforce must notify the accounting system for every new account that has been created. The security team will not allow Salesforce to integrate directly to the accounting system due to potential security issues.

Which three stages should the Architect consider to reduce the security concerns for this Integration use case? Choose 3 answers

- A. Terminate the SSL connection at a reverse proxy in the DMZ which establishes trust in the connection using mutual SSL.
- B. Enable WS-security for the web services made between Salesforce and the accounting system.
- C. Whitelist the Salesforce IP range on the firewall to ensure only Salesforce- originated traffic can penetrate the network.
- D. Utilize an Enterprise Service Bus to ensure Accounting system credentials are not stores within Salesforce.
- E. Enable platform encryption in the Salesforce org to ensure network communication to the Accounting system is encrypted.

Answer: B,D,E